

FORM PTO-1449  
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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT: **James Liu**

FILING DATE: **Not Yet Assigned**

GROUP ART UNIT:  
**Not Yet Assigned**

**U. S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	US 2003/0196477 A1	10/23/2003	Auner et al.	73	24.06	04/17/2002
	US 2003/0076743 A1	04/24/2003	Thompson et al.	367	140	09/20/2002
	US 2002/0113521 A1	08/22/2002	Rapp et al.	310	313R	04/01/2002
	US 6,640,613 B2	11/04/2003	Rapp et al.	73	24.01	04/01/2002
	US 6,568,271 B2	05/27/2003	Shah et al.	73	599	05/08/2001
	US 6,314,791 B1	11/13/2001	Rapp et al.	73	24.06	02/23/2000
	US 6,293,136 B1	09/25/2001	Kim	73	19.03	08/26/1999
	5,821,425	10/13/1998	Mariani et al.	73	703	09/30/1996
	5,155,708	10/13/1992	Bedi et al.	367	152	02/26/1991

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

Johannes Nieß, et al., "A miniaturized thermal desorption unit for chemical sensing below odor threshold", Sensor and Actuators, B 95 (2003), pp. 1-5

John R. Vig, "Dual-mode Oscillators for Clocks and Sensors", 1999 IEEE Ultrasonics Symposium, pp. 859-868

James Z. Liu, "Construction Optimization for Acoustic Wave Chemical Sensor Selectivity", (all pages), Sensor Expo Detroit, Sept. 2000

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.